

DATA CONVERTER WITH STATISTICAL DOMAIN OUTPUT**ABSTRACT OF THE DISCLOSURE**

5 An integrated circuit having statistical processing capability. The integrated circuit has an input for receiving input data in a first data domain. A data converter is provided for converting received input data from the first domain to a second domain different from the first domain. A statistical processor is provided for obtaining statistical information from the output of the data converter and processing the obtained statistical information in accordance with a predetermined processing algorithm. An output on the integrated circuit allow access of the processed statistical information by the statistical processor external to the integrated circuit.